Docket No.: ISIS-3455
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Application Frield No. 09/295, 463
Inventor(s): Lex M. Cowsert, Brnda F. Baker, John McNeil,
Susan M. Freier, Alexander H. Borchers, Timothy A. Vickers
Sheet 1 of 24



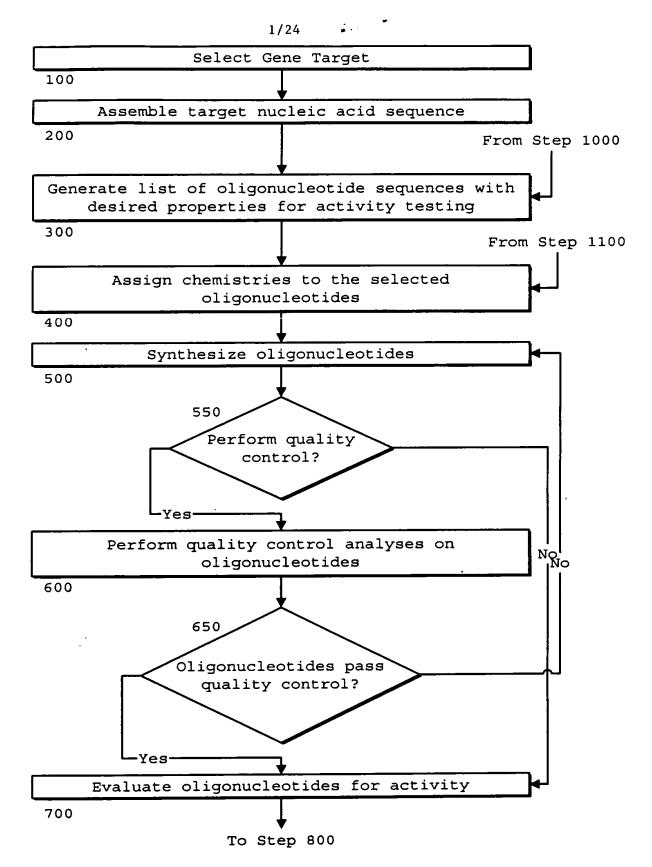
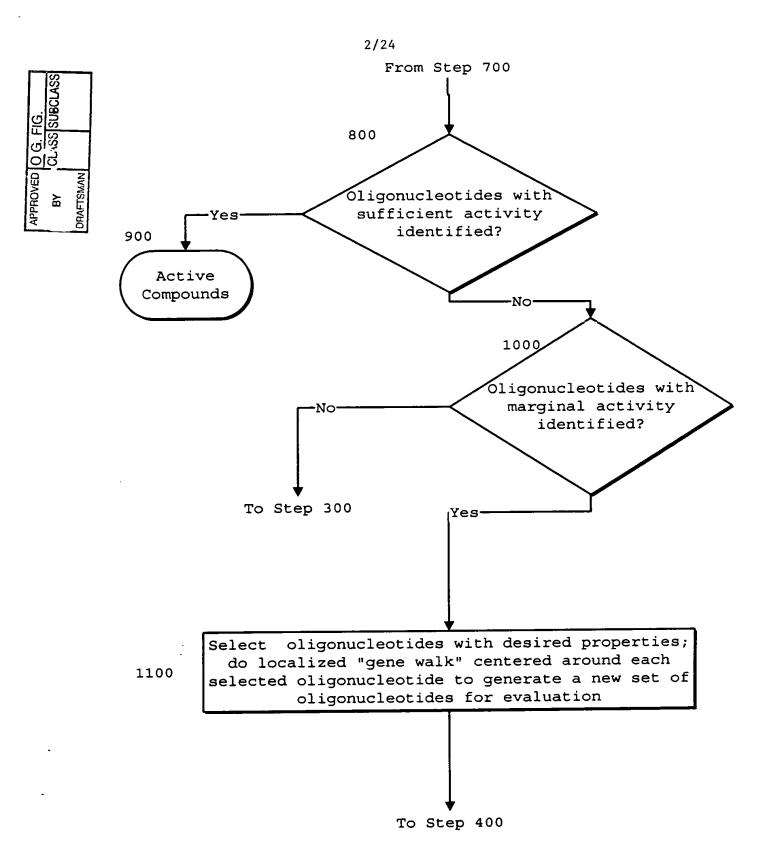


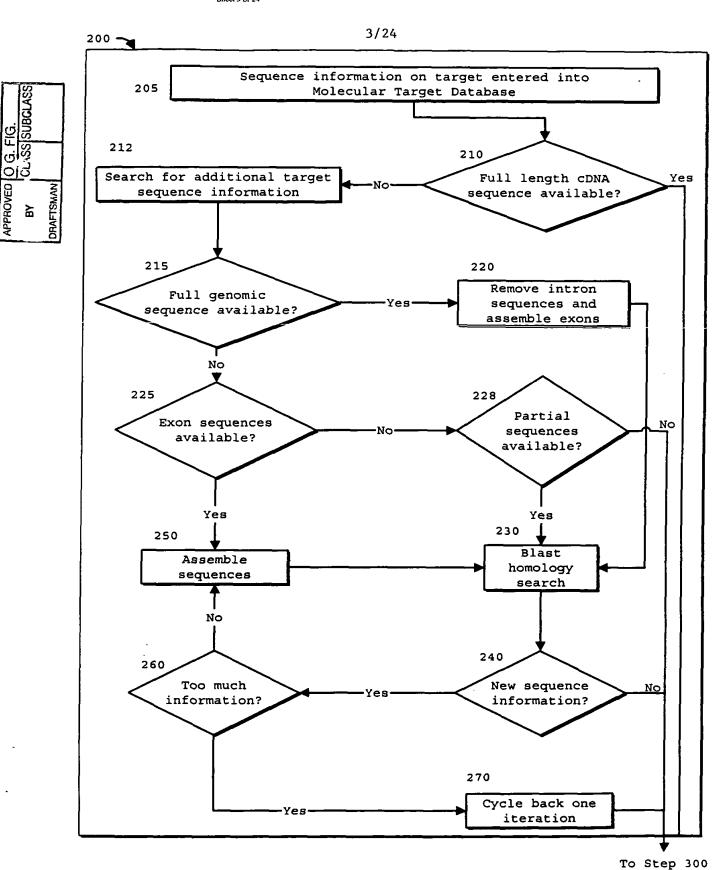
Figure 1

Docket No.: ISIS-3455
Title: IDENTIFICATION OF GENETIC TARGETS
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Inventor(s): Lex M. Cowsert, Emda F. Baker, John McNeil,
Susan JA. Freier, Alexander H. Borchers, Timothy A. Vickers
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Figur 2

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FOR MCDULATION BY OLIGONUCLEOTIDES AND
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FOR MODULATION
Applicas Serial No. 09/295,463
Inventor(s): Lex M. Cowsert, Brnda F. Baker, John McNeil,
Susan M. Freier, Alexander H. Borchers, Timothy A. Vickers
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Figur 3

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Title: IDENTIFICATION OF GENETIC TARGETS
FOR MODULATION BY OLIGONUCLEOTIDES AND
GENETION OF OLIGONUCLEOTIDES
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INVENTORS: Lex M. COWLET, Drada F. Beker, John McNeil,
Susan M. Freier, Alexander H. Borchers, Timothy A. Vickers
Sheet 46 CZ.

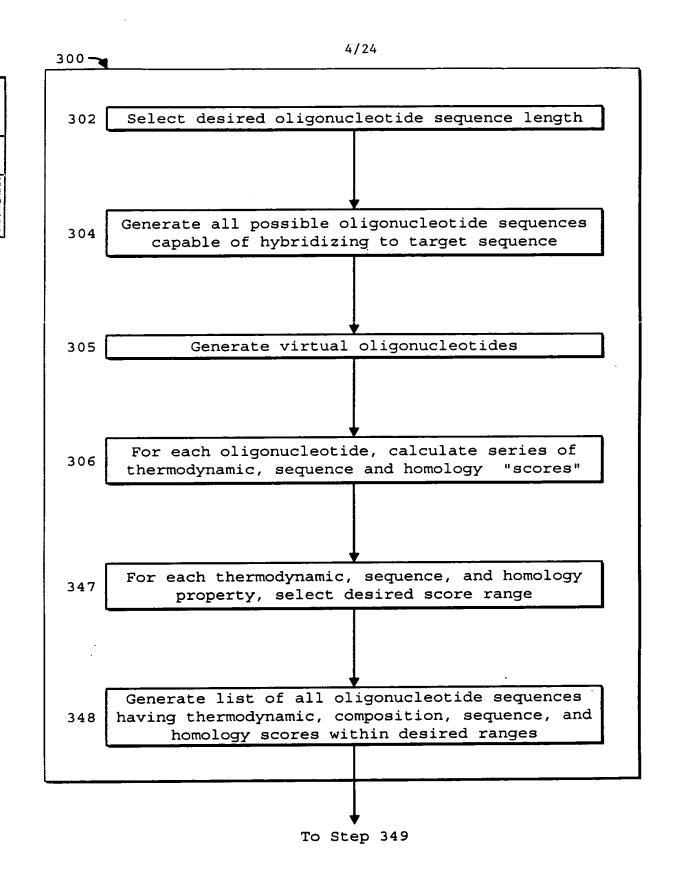


Figure 4

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FOR MODULATION BY OLIGONUCLEOTIDES AND
GENETION OF OLIGONUCLEOTIDES AND
MODULATION
Appln. serial No. 08/225,463
Inventor(s): Lex M. Cow 26...1, 16...162 F. Differ, 10hn Nac. 161.,
Susan M. Freier, Alexander H. Borchers, Timothy A. Vickers
Sheet 5 of 24

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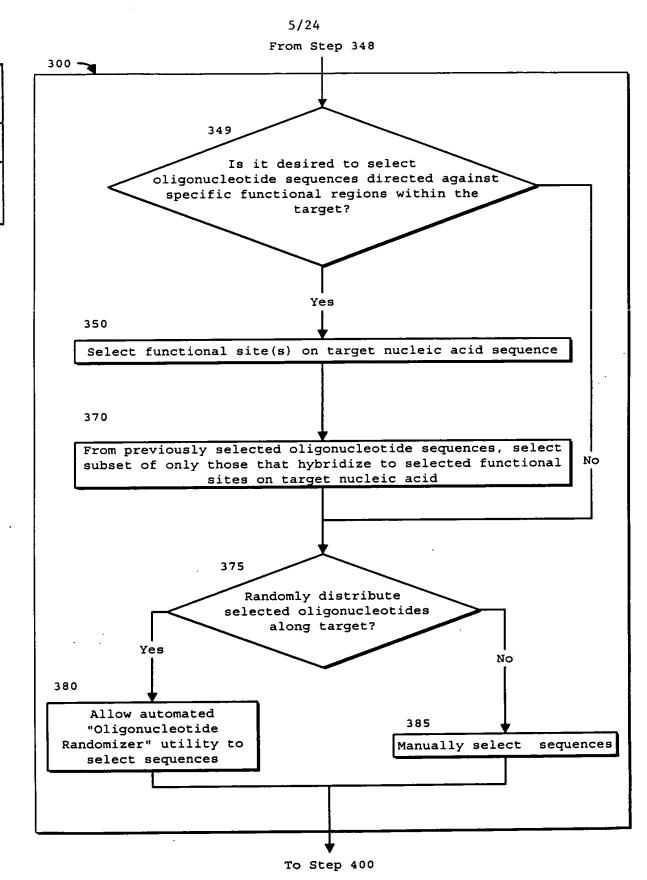
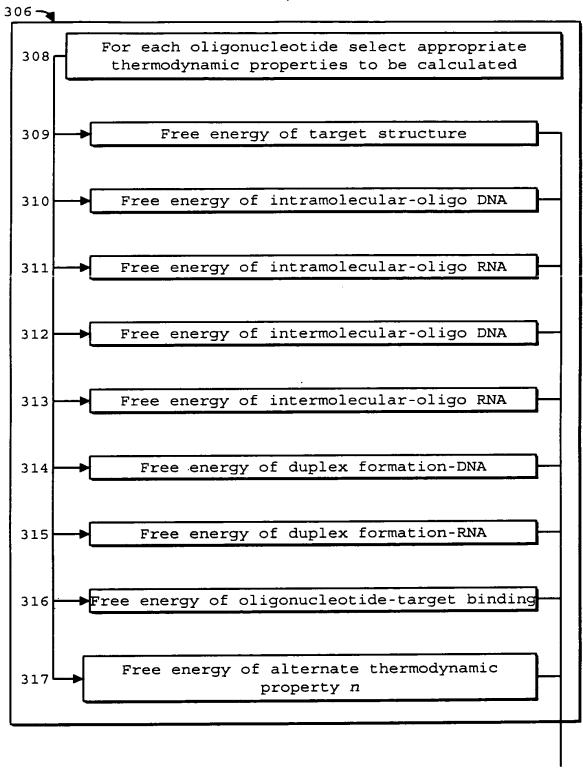


Figure 5

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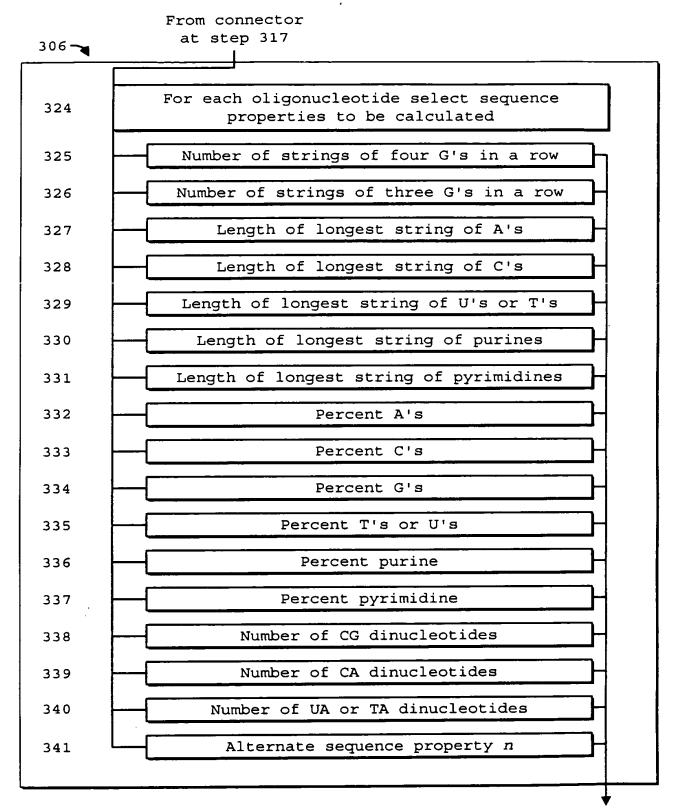
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Figure 6

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Title: IDENTIFICATION OF GENETIC TARGETS
FOR MODULATION BY OLIGONUCLEOTIDES AND
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NE MODULATION
A. Jon Serial No. 09/25.463
Invenior(s): Lex M. Cowart, Bridda F. Bal. .; Jona Mel! J.,
Susan M. Freier, Alexander H. Borchers, Timothy A. Vickers
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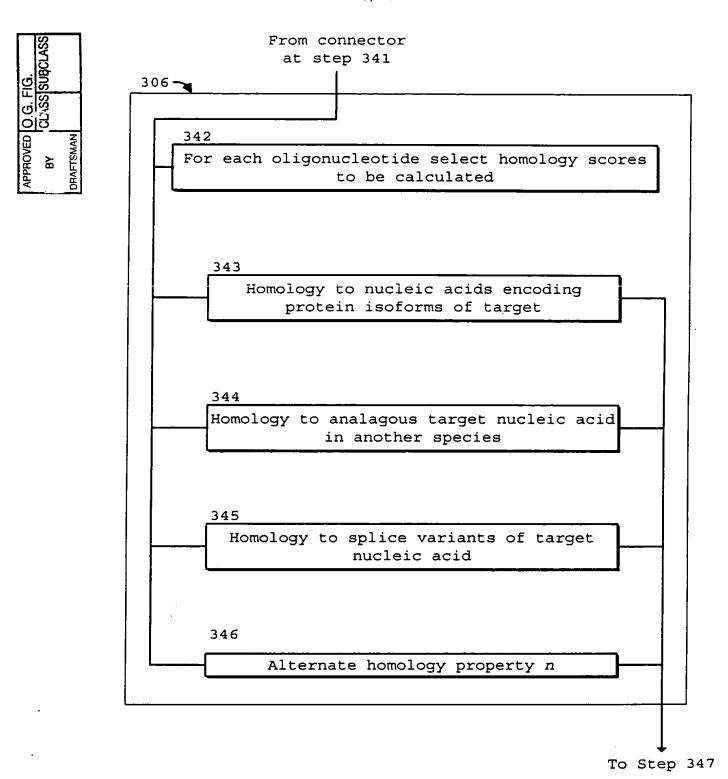


Figure 8

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FOR MODULATION BY OLIGONUCLEOTIDES AND
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FOR MODULATION
Serial No. 03/295,463
Inventor(s): Lex M. Cowent, Brada J. Enhart, John McNein,
Susan M. Freier, Alexander H. Borchers, Timothy A. Vickers
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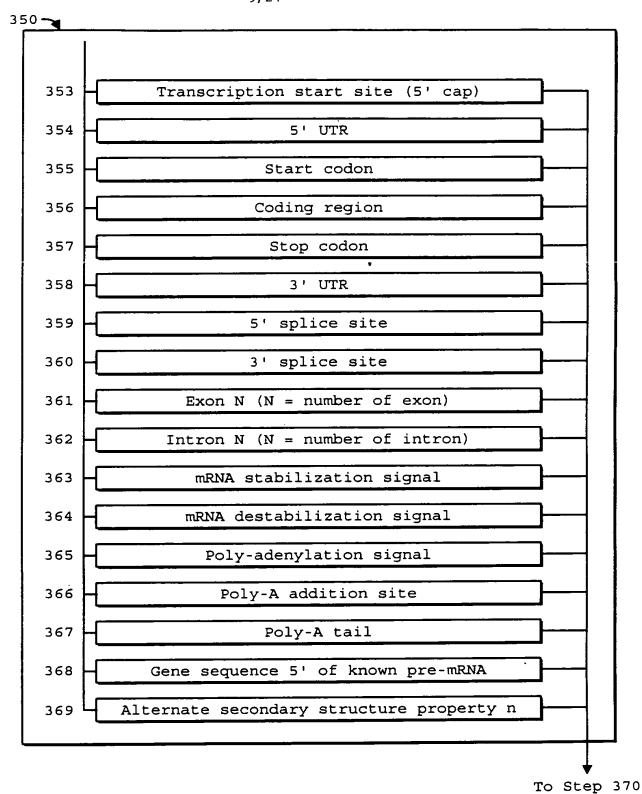
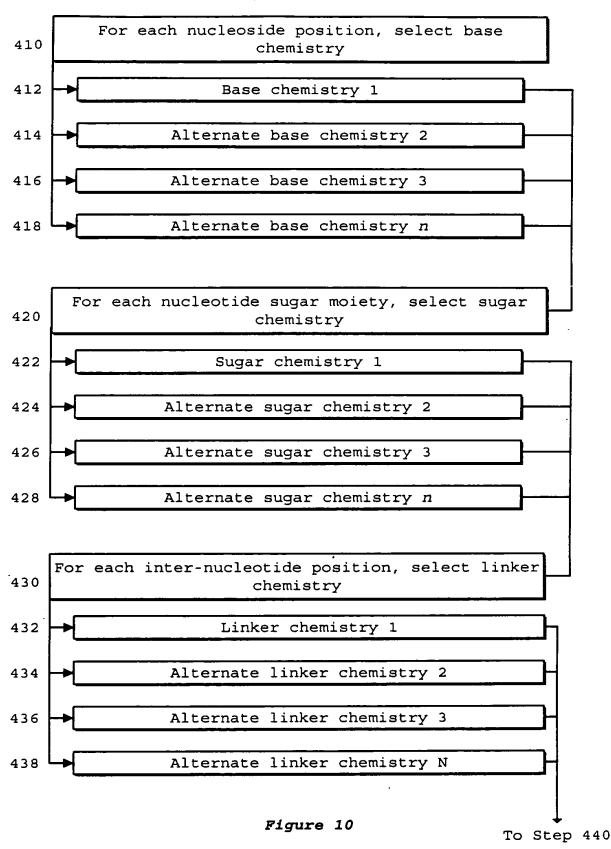


Figure 9

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Serial No. 09/295,463
Inventor(s): Lex M. Corre at, Smalu F. E. kur, John McN...,
Susa: M. Freier, Alexander H. Borchers, Timothy A. Vickers
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GENE SION OF OLIGONUCLEOTIDES
FOR MODULATION
Applh Serial No. 09/22/,463
Inventor(s): Lex M. Cowsert, Fine In F. Belter, John 1844 11,
Susm M. Freier, Alexander H. Borchers, Timothy A. Vickers
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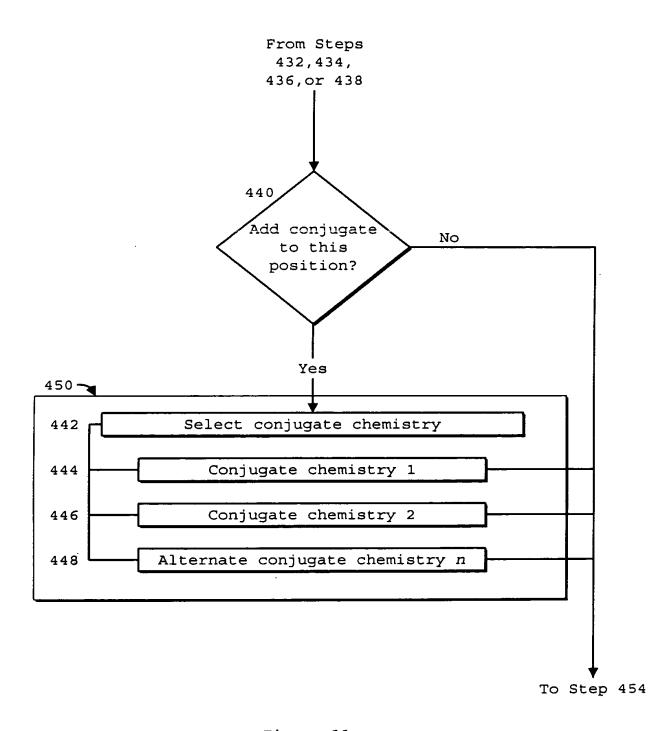
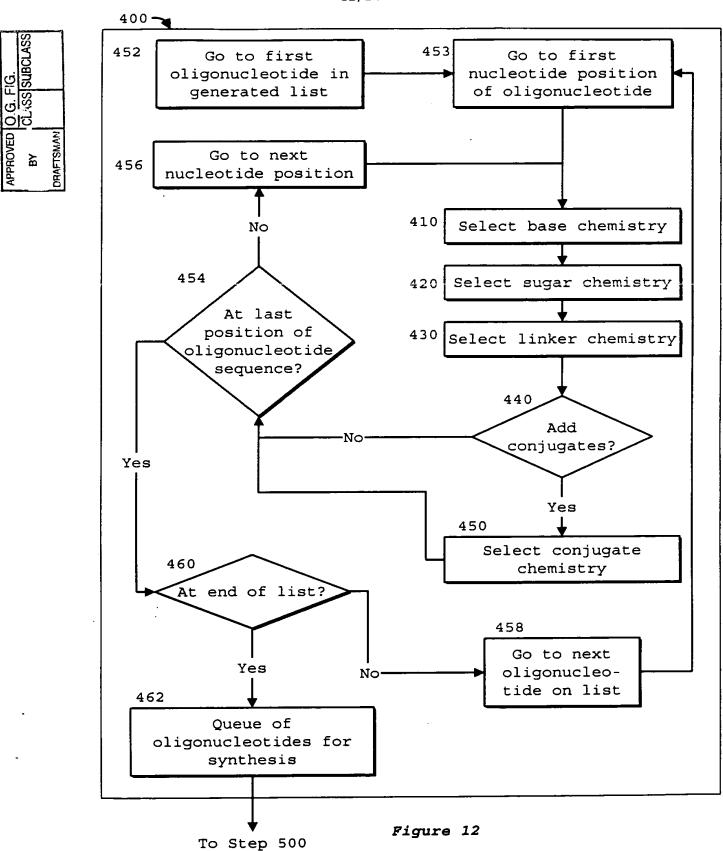


Figure 11

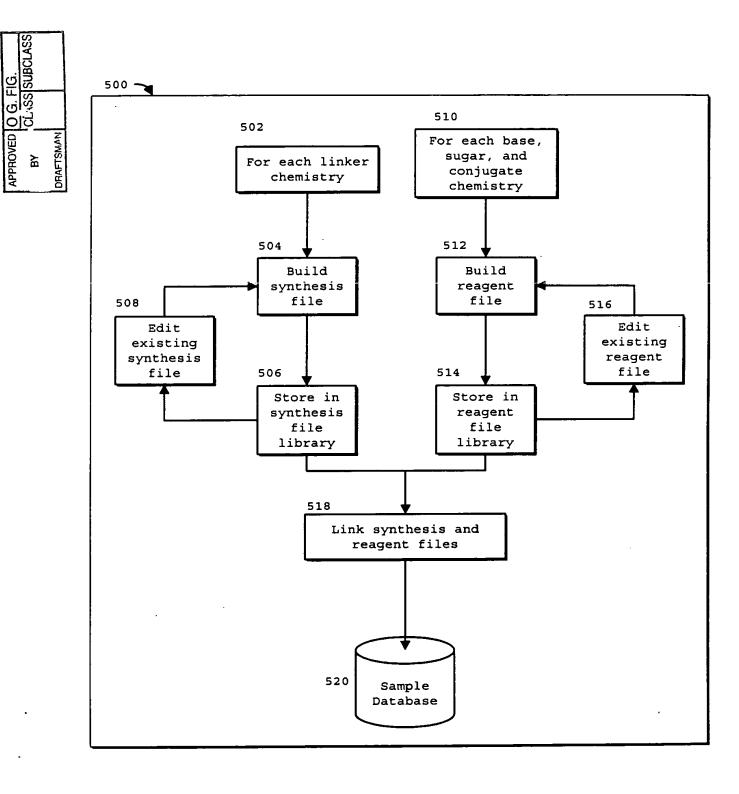
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FOR MODULATION BY OLIGONUCLEOTIDES AND
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FOR MODULATION
Applic Serial No. 09/255,463
Inventor(s): Lex M. Cowset, L.m.L. F. Balter, John McNeil,
Susan M. Freier, Alexander H. Borchers, Timothy A. Vickers
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Figur 13

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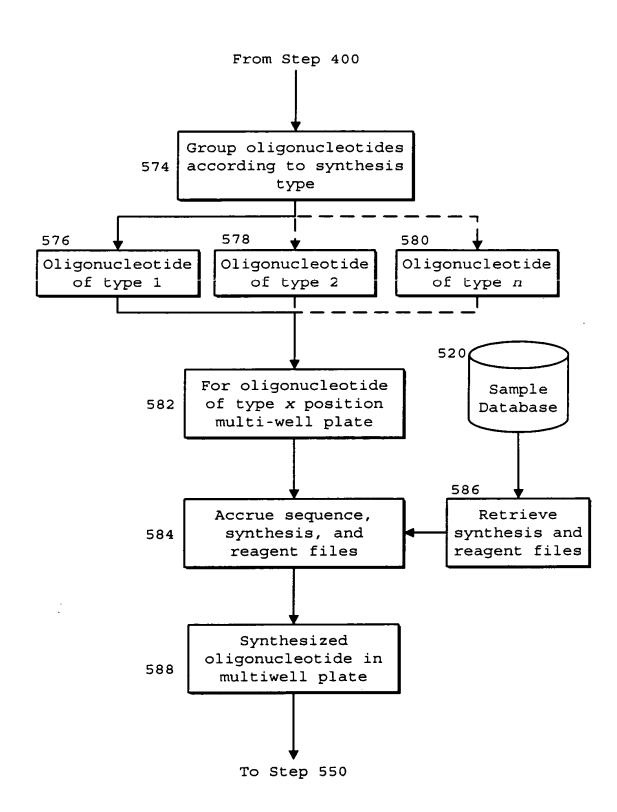


Figure 14

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FOR MODULATION
Application Serial No. 09/25; 463
Inventor(s): Lex M. Cowsect, Junida F. Balter, John MeNet.,
Susan M. Freier, Alexander H. Borchers, Timothy A. Vickers
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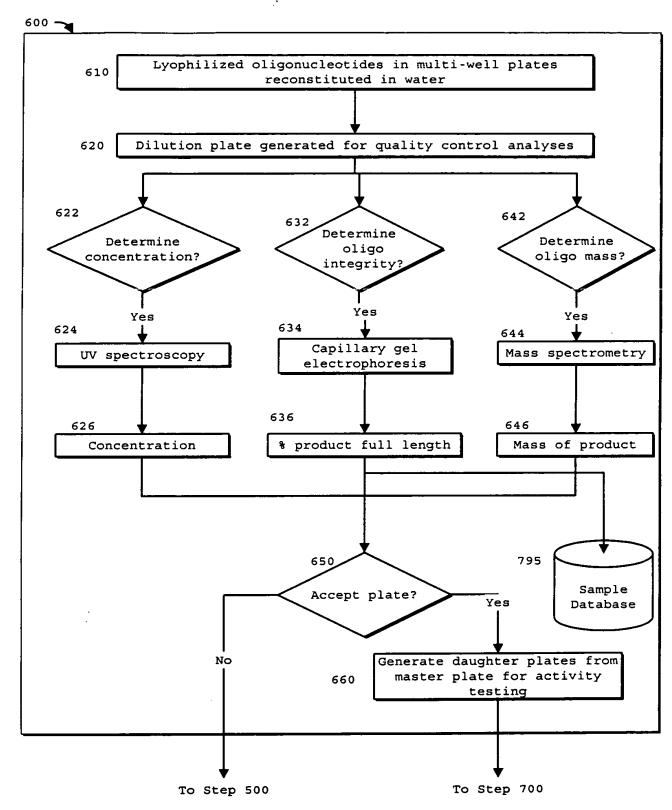
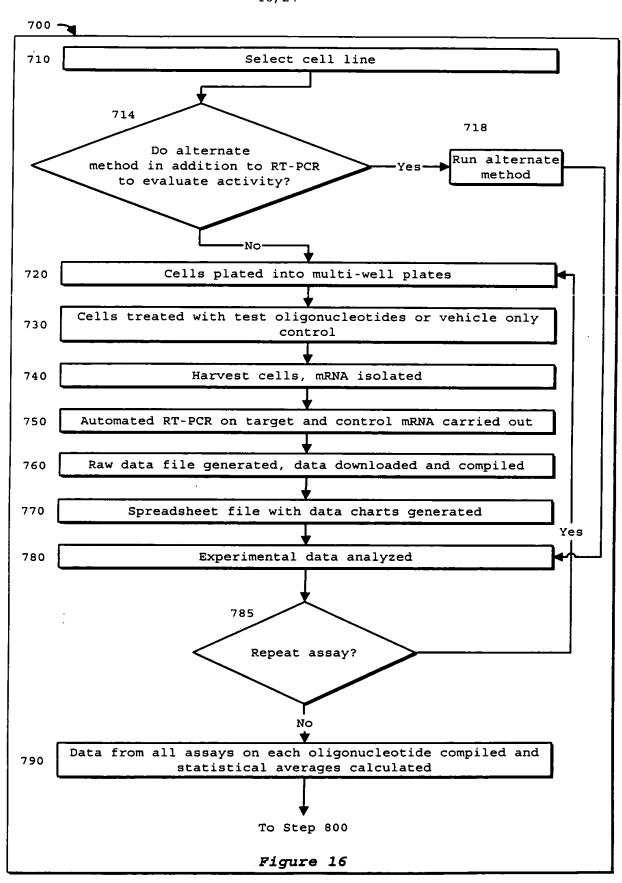


Figure 15

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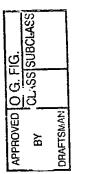


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FOR GL. TOOULATION
Application Jerial No. 09/295,463
Inventor(s): Lex M. Cowsert, v. nd.: F. Baker, John NicNeil,
Susan M. Freier, Alexander H. Borchers, Timothy A. Vickers
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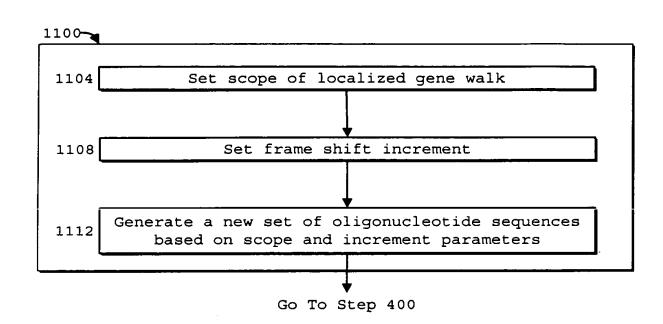
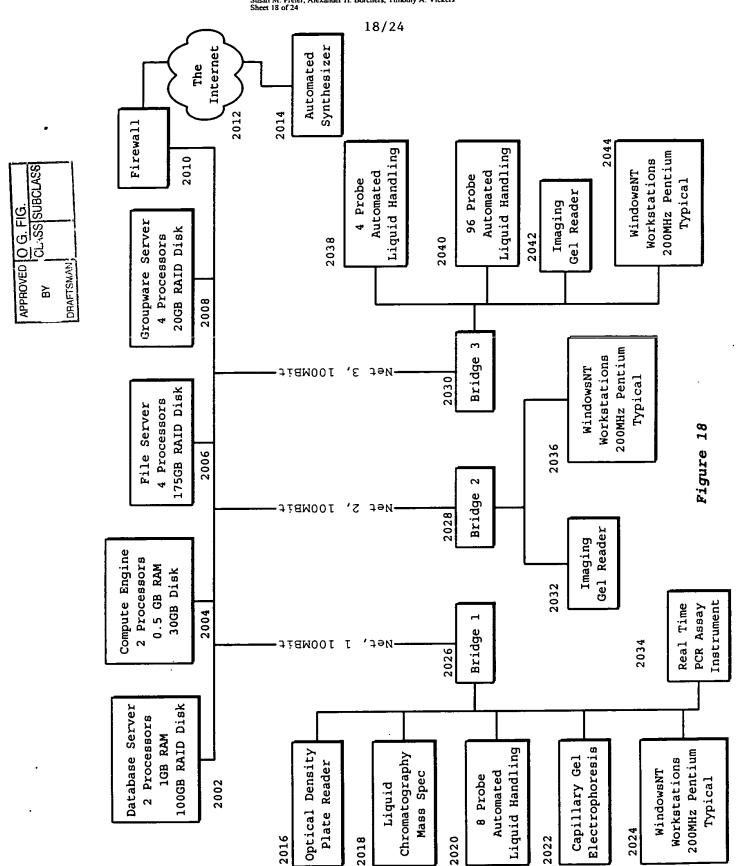
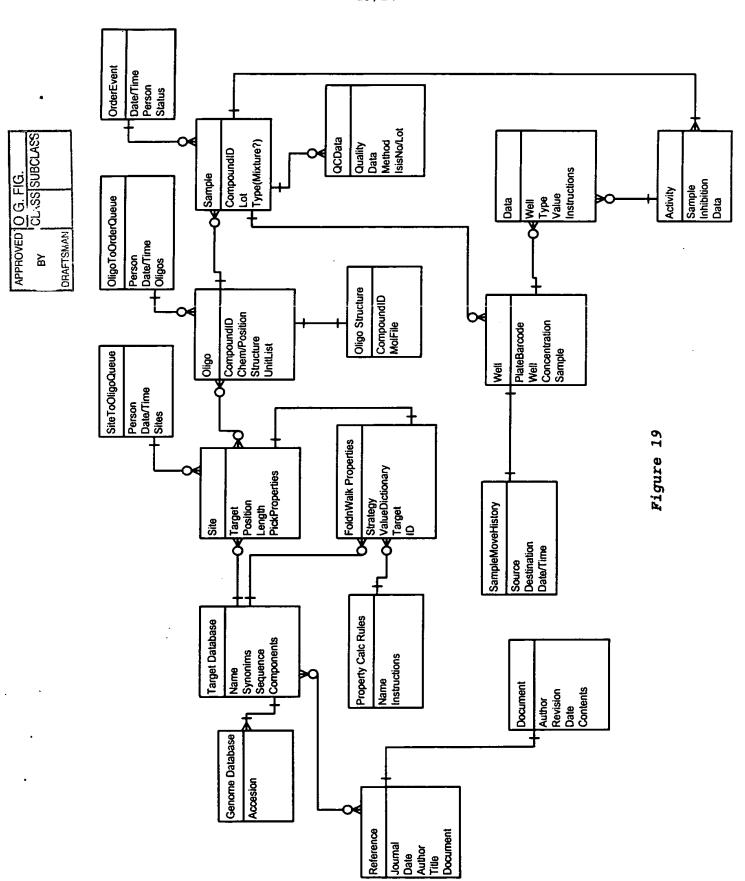


Figure 17

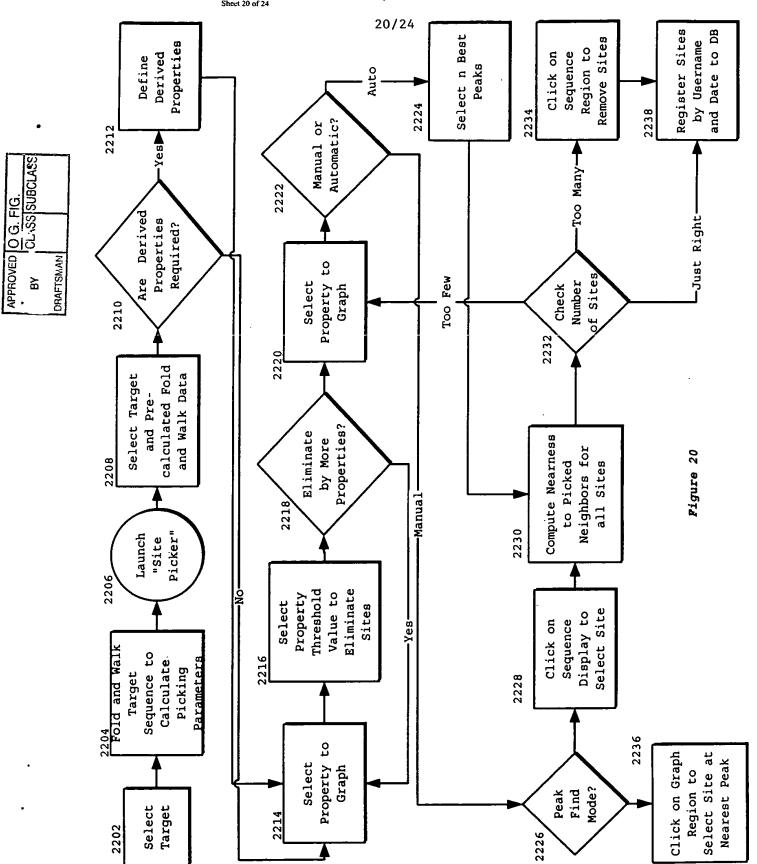
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FOR MODULATION
App. And Serial No. 09/295,463
Inventor(s): Lex M. Cowsert, Brida F. Baker, John Mci July,
Susan M. Freier, Alexander H. Borchers, Timothy A. Vickers
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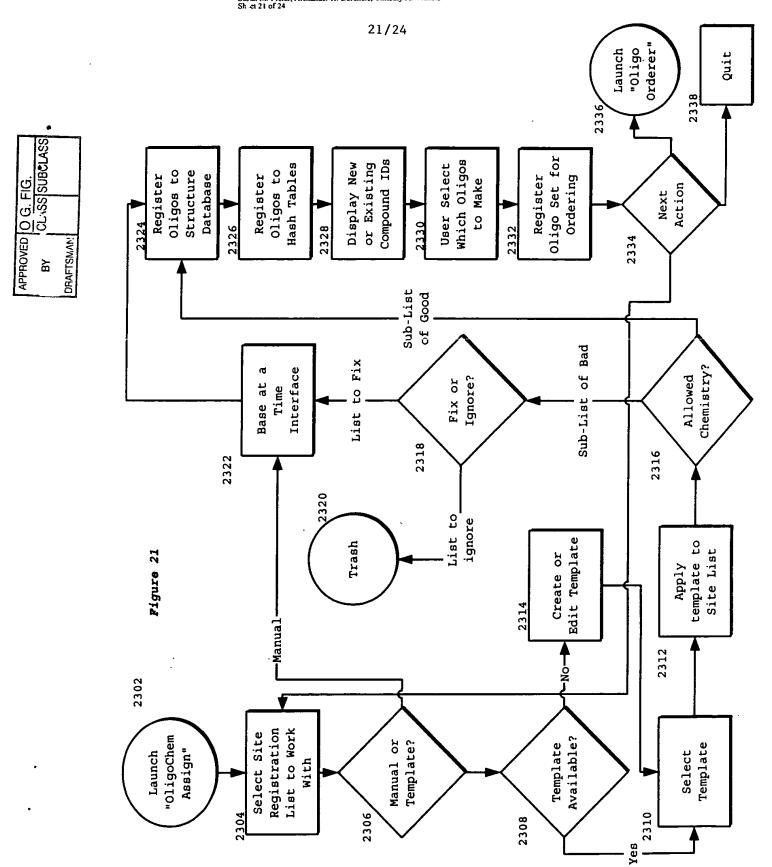


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FOR MODULATION
Applica Serial No. 09/295/463
Inventor(s): Lex M. Cowsert, ...n.da F. Dulter, John micNeil,
Susan M. Freier, Alexander H. Borchers, Timothy A. Vickers
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FOR MODULATION BY OLIGONUCLEOTIDES AND
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7ial No. 09/295,463
Inventor(s): Lex M. Cowsert, F. L.Ca F. Beker, John H.c.Neil,
Susan M. Freier, Alexander H. Borchers, Timothy A. Vickers
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Title: IC:ENTIFICATION OF GENETIC TARGETS
FOR M. DULATION BY OLIGONUCLEOTIDES AND
GENERATION OF OLIGONUCLEOTIDES AND
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N. 09/295,463
Inventor(s): Sex M. Cowsert, B. a.c.: F. Baker, John McNeil,
Susan H. Freier, Alexander H. Borchers, Timothy A. Vickers
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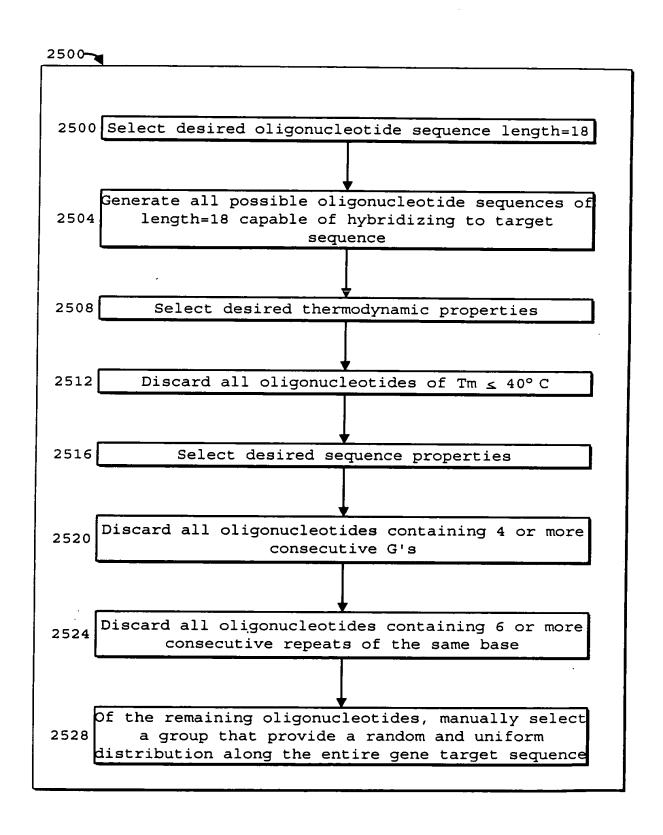


Figure 22

Docket No.: ISIS-3455
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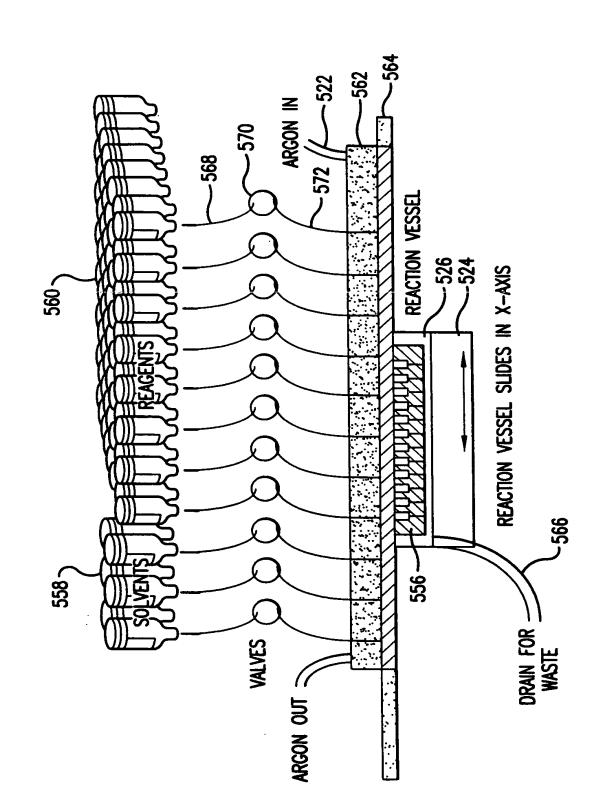


FIG. 23

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Title: IDENTIFICATION OF GENETIC TARGETS
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O.S. FIG.

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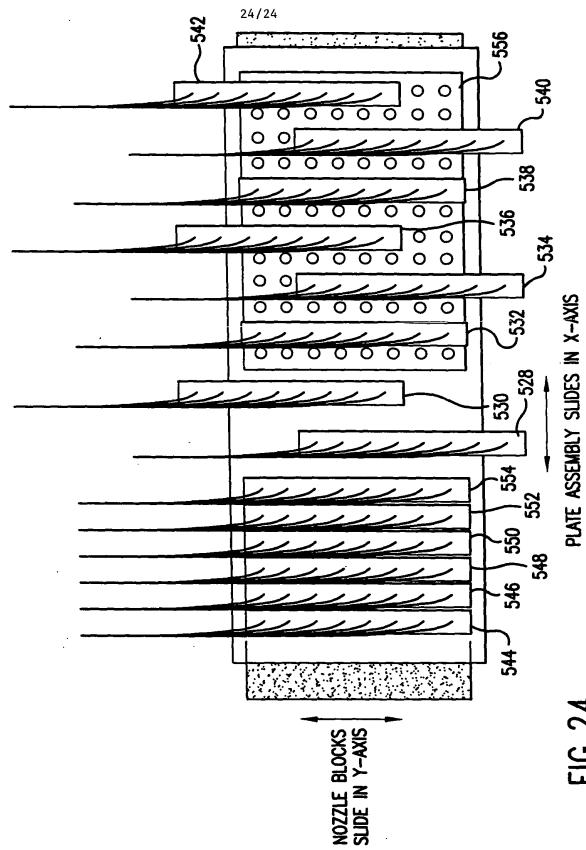


FIG. 24